

Amendments to the Claims

The following is a complete listing of all claims which replaces all prior versions, and listings, of claims in the application:

5 1-13. (Canceled)

14. (Currently Amended) A syringe piston without a shaft, used in fat transplantation, disposed in a syringe-shaped cylindrical vessel, comprising:

a piston body without the shaft;

10 a packing coupled with an outer surface of the piston body to form a seal between the piston body and the syringe-shaped cylindrical vessel;

 a free oil discharging hole communicated with the front side and the rear side of the piston body;

 an opening and closing device for opening and closing the free oil discharging

15 hole; and

 a filtering device disposed in a passage through which free oil is discharged to filter fat and pass the free oil, wherein the opening and closing device for opening and closing the free oil discharging hole comprises a first check valve disposed at one side of the free oil discharging hole and a second check valve disposed at the opposite side of the free oil discharging hole and operated by an external force,

20 wherein each of the first and second check valves comprise: a rim which is fixed to the piston body;

an opening and closing plate which has a size sufficient to open and close the free oil discharging hole, wherein the opening and closing plate is without any holes;
and

5 a connector which connects the rim to the opening and closing plate, wherein the rim is deformed by the external force so that the free oil discharging hole is easily opened and closed.

15. (Canceled)

10 16. (Original) The syringe piston used in fat transplantation as set forth in claim 15, wherein the opening and closing device further comprises first and second fixing covers by which the rim is fixed to the piston body.

15 17. (Original) The syringe piston used in fat transplantation as set forth in claim 16, wherein the first and second fixing covers have a through-hole at the central portions.

20 18. (Original) The syringe piston used in fat transplantation as set forth in claim 14, further comprising a weight for increasing a total weight of the syringe piston.

19. (Original) The syringe piston used in fat transplantation as set forth in
claim 18, wherein the weight takes the form of a metal ring coupled with the rear side
of the piston body.

5 20. (Original) The syringe piston used in fat transplantation as set forth in
claim 14, wherein the filtering device comprises a net filter having a pore diameter of
10 μm to 100 μm .

10 21. (Original) The syringe piston used in fat transplantation as set forth in
claim 20, wherein the filter is coupled with a filter groove formed in the front end of
the piston body, the filter groove is closed by a cap having a thread and a plurality of
holes penetrating the front and rear sides thereof to pass the free oil so that the filter
is replaced by releasing the cap.

15 22. (Original) The syringe piston used in fat transplantation as set forth in
claim 21, wherein the cap includes a protrusion formed in the front side of the cap
and engaged with the front side of the cylindrical vessel.

20 23. (Original) The syringe piston used in fat transplantation as set forth in
claim 14, wherein the filtering device comprises:
a cap for sealing the front side of the free oil discharging hole;

an outer filtering circumference disposed in the piston body to maintain a predetermined gap between the piston body and the inner circumference of the cylindrical vessel such that fat is filtered and the free oil passes therethrough; and
a through-hole formed between the outer filtering circumference and the
5 packing and communicated between the free oil discharging hole of the piston body and the cap.

24. (Currently Amended) The syringe piston used in fat transplantation as set forth in claim 23, wherein ~~wherein~~ the gap between the inner circumference of
10 the cylindrical vessel and the outer filtering circumference ranges 10 μm to 100 μm .

25. (New) A syringe piston without a shaft, used in fat transplantation, disposed in a syringe-shaped cylindrical vessel, comprising:
a piston body without the shaft;
15 a packing coupled with an outer surface of the piston body to form a seal between the piston body and the syringe-shaped cylindrical vessel;
a free oil discharging hole communicated with the front side and the rear side of the piston body;
a filtering device disposed near the front side of the piston body and in a
20 passage through which free oil is discharged, to filter fat and pass the free oil;
an opening and closing device disposed between the filtering device and the rear side of the piston body;

the opening and closing device sufficiently spaced from the filtering device to allow the opening and closing device to open and close the free oil discharging hole; and

wherein the opening and closing device comprises a first check valve disposed at one side of the free oil discharging hole and a second check valve disposed at the opposite side of the free oil discharging hole and operated by an external force.